IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of: Levine et al. | § |
|-------------------------------------|--|
| | § Group Art Unit: Not Assigned |
| Serial No.: Not Assigned | § |
| J | § Examiner: Not Assigned |
| Filed: | § |
| | § Attorney Docket No.: AUS920030484US1 |
| For: Method and Apparatus to | § |
| Autonomically Count Instruction | § |
| Execution for Applications | § |

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

Please charge any fees necessary for prosecution of the present application to Deposit Account No. 09-0447. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 09-0447.

In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) within three months of the filing date of the application, or before the mailing date of a first office action on the merits. No fee is required.

Date: 9 25 03

Respectfully submitted,

Diana L. Roberts

Registration No. 36,654

IBM Corporation

Intellectual Property Law

11400 Burnet Road

Austin, Texas 78757

(512) 823-9667

| | | | | | <u> </u> | |
|-------------------------|-----------------|-------------------------|-------------------------|--|-------------------------|-----------------|
| Form PTO-1449 | | | | ATTORNEY DOCKET NO. | SERIAL NO. | |
| LIST OF PRIOR ART CITED | | | NITED | AUS920030484US1 | Not Assigned | |
| BY APPLICANT | | | JII ED | | | |
| | (Use | several sheets if neces | ssary) | | | |
| | | APPLICANT Levine et al. | APPLICANT Levine et al. | | | |
| | | | | FILING DATE | GROUP ART UNIT | Not Assigned |
| | | | U | S. PATENT DOCUMENTS | | |
| EXAMINER | | DOCUMENT | PUBLICATION | INVENTOR NAME | CLASS/ | FILING |
| INITIAL | | NO. | DATE | | SUBCLASS | DATE |
| | AA | 5,103,394 | Apr. 7, 1992 | Blasciak | 395/575 | Dec. 21, 1989 |
| | AB | 6,330,662 B1 | Dec. 11, 2001 | Patel et al. | 712/236 | Feb. 23, 1999 |
| | AC | 6,480,938 B2 | Nov. 12, 2002 | Vondran, Jr. | 711/125 | Dec. 15, 2000 |
| | AD | 6,430,741 B1 | Aug. 6, 2002 | Mattson, Jr. et al. | 717/154 | Feb. 26, 1999 |
| | ΑE | 6,189,141 B1 | Feb. 13, 2001 | Benitez et al. | 717/4 | May 4, 1998 |
| | AF | 5,930,508 | Jul. 27, 1999 | Faraboschi et al. | 395/706 | Jun. 9, 1997 |
| | AG | 6,351,844 B1 | Feb. 26, 2002 | Bala | 717/4 | Nov. 5, 1998 |
| · | AH | 6,324,689 B1 | Nov. 27, 2001 | Lowney et al. | 717/9 | Sep. 30, 1998 |
| | Al | 6,442,585 B1 | Aug. 27, 2002 | Dean et al. | 709/108 | Nov. 26, 1997 |
| | AJ | 5,774,724 | Jun. 30, 1998 | Heisch | 395/704 | Nov. 20, 1995 |
| | AK | 5,987,250 | Nov. 16, 1999 | Subrahmanyam | 395/704 | Aug. 21, 1997 |
| | AL | 6,192,513 B1 | Feb. 20, 2001 | Subrahmanyam | 717/5 | Nov. 2, 1998 |
| | AM | 5,691,920 | Nov. 25, 1997 | Levine et al. | 364/551.01 | Oct. 2, 1995 |
| | AN | 6,223,338 B1 | Apr. 24, 2001 | Smolders | 717/4 | Sep. 30, 1998 |
| | AO | 6,101,524 | Aug. 8, 2000 | Choi et al. | 709/102 | Oct. 23, 1997 |
| <u>-</u> - | ΑP | 6,256,775 B1 | Jul. 3, 2001 | Flynn | 717/4 | Dec. 11, 1997 |
| - | AQ | 6,446,029 B1 | Sep. 3, 2002 | Davidson et al. | 702/186 | Jun. 30, 1999 |
| - | AR | 6,134,676 | Oct. 17, 2000 | VanHuben et al. | 714/39 | Apr. 30, 1998 |
| | AS | 5,937,437 | Aug. 10, 1999 | Roth et al. | 711/202 | Oct. 28, 1996 |
| - | AT | 6,243,804 B1 | Jun. 5, 2001 | Cheng | 712/228 | Jul. 22, 1998 |
| | AU | 4,291,371 | Sep. 22, 1981 | Holtey | 364/200 | Jan. 2, 1979 |
| | ΑV | 5,938,778 | Aug. 17, 1999 | John, Jr. et al. | 714/45 | Nov. 10, 1997 |
| | AW | 6,286,132 B1 | Sep. 4, 2001 | Tanaka et al. | 717/4 | Jan. 7, 1999 |
| | AX | 6,206,584 B1 | Mar. 27, 2001 | Hastings | 395/183.11 | May 31, 1995 |
| | AY | 6,374,364 B1 | Apr. 16, 2002 | McElroy et al. | 714/10 | Jan. 19, 1999 |
| | AZ | 6,070,009 | May 30, 2000 | Dean et al. | 395/704 | Nov. 26, 1997 |
| | ВА | 5,966,537 | Oct. 12, 1999 | Ravichandran | 395/709 | May 28, 1997 |
| DATE CONSI | DATE CONSIDERED | | | EXAMINER | | |
| EXAMINER: Ir | itial if | reference considered, | whether or not citati | on is in conformance with MPEP § 609; draw line thro | ough citation if not in | conformance and |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO-1449 | | | | ATTORNEY DOCKET NO. | SERIAL NO. | | | | |
|--|--|---|--|--|-------------------------|--|--|--|--|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) | | | | AUS920030484US1 | Not Assigned | | | | |
| | | APPLICANT Levine et al. | | | | | | | |
| | | | | FILING DATE | GROUP ART UNIT | Not Assigned | | | |
| , | | | Ü | S. PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | | DOCUMENT NO. | PUBLICATION DATE | INVENTOR NAME | CLASS/ SUBCLASS | FILING DATE | | | |
| | ВВ | 2002/0129309 | Sep. 12, 2002 | , The state of the | 714/724 | Dec. 18, 2000 | | | |
| | ВС | 2001/0032305 | , and the second | Barry | 712/34 | Feb. 23, 2001 | | | |
| | BD | 2002/0199179 | Dec. 26, 2002 | Lavery et al. | 717/158 | Jun. 21, 2001 | | | |
| | BE | 2002/0124237 | Sep. 5, 2002 | Sprunt et al. | 717/127 | Dec. 29, 2000 | | | |
| | BF | 2002/0147965 | Oct. 10, 2002 | Swaine et al. | 717/124 | Feb. 1, 2001 | | | |
| | BG | 2002/0019976 | Feb. 14, 2002 | Patel et al. | 717/137 | May 25, 2001 | | | |
| | | 6,4 | FOR | EIGN PATENT DOCUMENTS | | de la companya de la | | | |
| EXAMINER INITIAL | | DOCUMENT NO. | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES NO | | | |
| | вн | JP2000029731 | Dec. 8, 1999 | Japan | G06F 9/38 | x | | | |
| | ВІ | JP2000347863 | Dec. 15, 2000 | Japan | G06F 9/38 | x | | | |
| | | OTHE | R PRIOR ART (| including author, title, date, pertinent page | , etc.) | | | | |
| | BJ | Kikuchi, "Parallelization Assist System", Joho Shori, Vol. 34, No. 9, Sept. 1993, pp. 1158-1169. Cohen et al., "Hardware-Assisted Characterization of NAS Benchmarks", Cluster Computing, Vol. 3, July 2001, pp. 189-196. | | | | | | | |
| | ВК | | | | | | | | |
| | BL Talla et al., "Evaluating Signal Processing and Multimedia Applications on SIMD, VLIW Scalar Architectures", International Conference on Computer Design, Austin, Sept. 17-163-172. | | | | | | | | |
| | вм | lwasawa et al., " | | Method of Fortran DO Loops by Paralle | | | | | |
| | BN | Transactions of Information Processings Society of Japan, Vol. 36, No. 8, Aug. 1995, pp. 1995-2006. Talla et al., "Execution Characteristics of Multimedia Applications on a Pentium II Processor", IEEE International Performance, Computing, and Communications Conference, 19 th , Phoenix, Feb. 20-22, 2000, pp. 516-524. | | | | | | | |
| | во | | | | | | | | |
| | | | RELA | TED PATENT APPLICATIONS | | | | | |
| EXAMINER | | APPLICATION NO./ | APPLICANT | TITLE | | FILING DATE | | | |
| INITIAL | BP | 09/435,069 AT9-99-491 | Davidson et al. | Method and Apparatus for Instruction Performance Monitoring and Debug | Sampling for | Nov. 4, 1999 | | | |
| | BQ | 08/538,071 AUT919950055US1 | | Method and System for Selecting and lan Event Sequence using an Effective Processing System | | Oct. 2, 1995 | | | |
| DATE CONSI | DERE | D | | EXAMINER | | | | | |
| | | reference considered, ude copy of this form w | | ion is in conformance with MPEP § 609; draw line the tion to applicant. | ough citation if not in | conformance and | | | |